

Please amend the application as follows:

IN THE DRAWINGS:

Please replace the originally filed informal drawings with the enclosed formal drawings. The formal drawings have been amended to correct for formal errors. Marked drawings showing the changes in red have been submitted for review by the Examiner.

IN THE TITLE:

Before "SELF", please insert -- APPARATUS FOR PERFORMING --.

IN THE SPECIFICATION:

All page numbers referred to below are the numbers shown at the bottom of the page of the application specification, as originally filed.

Page 3, line 30, please delete "process. Reactive" and insert -- process, reactive --

Page 4, line 20, please delete "processing" and insert -- performing --.

Page 4, line 28, after "a mixture of", please delete "processes" and insert -- process --.

Page 5, line 2, after "102", please insert -- to --.

Page 5, line 2, after "1.5 μm ", please insert a comma -- , --.

Page 5, line 4, after "6.5 μm ", please insert a comma -- , --.

Page 5, line 10, after "including", please insert -- a --.

Page 5, line 16, after "trench.", please delete "The" and insert -- A --.

Page 5, line 28, after "introduction of", please insert -- a --.

Page 6, line 2, please delete "accumulations" and insert -- residue accumulation --.

Page 6, line 8, please delete "accumulations" and insert -- residue accumulation --.

Page 6, line 10, please delete "shortcoming" and insert -- shortcomings --.

Page 6, line 31, after "having", please insert -- a --.

Page 6, line 32, please delete "pattern" and insert -- patterning --.

Page 7, line 24, after "having", please insert -- a --.

Page 7, line 25, please delete "pattern" and insert -- patterning --.

Page 7, line 35, after "processing", please insert -- of --.

Page 8, line 16, after "plurality", please delete "the" and insert -- of --.

Page 8, line 24, please delete "risk" and insert -- risking --.

Page 8, line 29, please delete "less" and insert -- larger --.

Page 9, line 4, after "layer", please delete "removes" and insert -- allows the omission of --.

Page 9, line 5, please delete "construced" and insert -- constructed --.

Page 9, line 7, after "application", please insert -- Serial No. 09/102,527, --.

Page 9, line 19, please delete "self-clean" and insert -- self-cleaning --.

Page 9, line 23, please delete "favorably" and insert -- favorable --.

Page 9, line 30, after "skill", please insert -- in the art --.

Page 10, line 5, after "embodiment of", please insert -- the --.

Page 10, line 28, after "including", please insert -- a --.

Page 11, line 4, after "1 : 10,", please delete "with" and insert -- while --.

Page 11, line 20, after "etching", please insert -- of --.

Page 12, line 10, please delete "conduct".

Page 12, line 12, after "substrate", please insert -- is conducted --.

Page 12, line 15, please delete "removes" and insert -- allows the omission of --.

Page 13, line 3, after "comprising", please insert -- an --.

Page 13, line 10, after "chamber", please insert -- are --.

Page 13, line 21, after "10", please delete "mT" and insert -- mTorr --.

Page 13, line 21, please delete "8T" and insert -- 8 Torr --.

Page 13, line 22, after "1200 W,", please insert -- and --.

Page 13, line 27, after "removes", please insert -- the --.

Page 14, line 8, please delete "conduct".

Page 14, line 10, after "chamber", please insert -- is conducted --.

Page 14, line 10, after "processing", please insert -- of --.

Page 14, line 28, after "maintained at", please insert -- a chamber pressure of --.

Page 14, line 28, after "30", please delete "mT" and insert -- mTorr --.

Page 14, line 29, please delete "8T" and insert -- 8 Torr --.

Page 15, line 1, please delete "sec" and insert -- seconds --.

Page 15, line 7, after "second", please insert -- part --.

Page 15, line 16, after "30", please delete "mT" and insert -- mTorr --.

Page 15, line 16, after "8", please delete "T" and insert -- Torr --.

Page 15, line 22, please delete "12T and 16T" and insert -- 12 Torr and 16 Torr --.

Page 15, line 27, please delete "6mT" and insert -- 6 mTorr --.

Page 15, line 27, please delete "16T" and insert -- 16 Torr --.

Page 15, line 28, please delete "last" and insert -- lasts --.

Page 16, line 10, after "1 : 10,", please delete "with" and insert -- while --.

Page 16, line 27, after "etching", please insert -- of --.

Page 16, line 29, after "obtained by", please insert -- using --.

Page 16, line 29, after "including", please insert -- a --.

Page 17, line 3, after "22", please delete "mT" and insert -- mTorr --.

Page 17, line 4, please delete "16T" and insert -- 16 Torr --.

Page 17, line 6, after "trench", please insert -- etch --.

- Page 17, line 7, after "profile", please insert -- control --.
- Page 17, line 19, after "chamber,", please delete "remove".
- Page 17, line 19, after "substrate", please insert -- is removed --.
- Page 17, line 27, after "Yes", please delete "process".
- Page 17, line 27, after "wafer", please insert -- is processed --.
- Page 18, line 1, after "the exposed layer is", please delete "a process".
- Page 18, line 22, after "continues", please delete "with".
- Page 19, line 3, after "the substrate to", please insert -- the --.
- Page 20, line 2, after "between those", please delete "chamber" and insert -- chambers --.
- Page 20, line 3, after "skill", please insert -- in the art --.
- Page 20, line 10, after "skill", please insert -- in the art --.
- Page 20, line 16, after "skill", please insert -- in the art --.
- Page 20, line 22, after "trench", please insert -- etch --.
- Page 21, line 3, after "810,", please delete "conduct".
- Page 21, line 3, after "etch", please insert -- is conducted --.
- Page 21, line 4, after "on the substrate", please delete "are" and insert -- is --.
- Page 21, line 15, after "skill", please insert -- in the art --.
- Page 21, line 21, please delete "abou1" and insert -- about --.
- Page 21, line 25, after "such that", please delete "as".
- Page 21, line 28, before "from", please insert -- is removed --.
- Page 22, line 20, after "According to this step,", please delete "load".
- Page 22, line 21, after "layer", please insert -- is loaded --.
- Page 23, line 4, after "step 835,", please delete "conduct".
- Page 23, line 4, after "process", please insert -- is conducted --.

Page 23, line 10, after "therefore,", please delete "removes the clean" and insert -- allows the omission of the cleaning step --.

Page 23, line 21, after "sources for", please insert -- a --.

Page 23, line 27, after "comprising", please insert -- an --.

Page 24, line 13, after "10", please delete "mT" and insert -- mTorr --.

Page 24, line 13, please delete "8T" and insert -- 8 Torr --.

Page 24, line 14, after "1200 W,", please insert -- and --.

Page 24, line 18, after "removes", please insert -- the --.

Page 24, line 24, after "skill", please insert -- in the art --.

Page 24, line 27, after "In this step,", please delete "conduct".

Page 24, line 29, after "chamber", please insert -- is conducted --.

Page 24, line 29, after "processing", please insert -- of --.

Page 25, line 11, after "combination of", please insert -- a --.

Page 25, line 27, after "maintained at", please insert -- a pressure of --.

Page 25, line 27, after "30, please delete "mT" and insert -- mTorr --.

Page 25, line 28, please delete "8T" and insert -- 8 Torr --.

Page 25, line 20, please delete "sec" and insert -- seconds --.

Page 25, line 26, after "second", please insert -- part --.

Page 26, line 2, after "30", please delete "mT" and insert -- mTorr --.

Page 26, line 2, after "8", please delete "T" and insert -- Torr --.

Page 26, line 8, please delete "12T and 16T" and insert -- 12 Torr and 16 Torr --.

Page 26, line 10, after "trench", please insert -- etch --.

Page 26, line 13, please delete "6mT" and insert -- 6 mTorr --.

Page 26, line 13, please delete "16T" and insert -- 16 Torr --.

Page 26, line 14, please delete "last" and insert -- lasts --.

Page 26, line 17, after "Application", please insert -- Serial No. 09/102,527, --.

Page 26, line 21, after "including", please insert -- a --.

Page 26, line 26, after "1 : 10,", please delete "with" and insert -- while --.

Page 27, line 15, after "including", please insert -- a --.

Page 27, line 19, after "22", please delete "mT" and insert -- mTorr --.

Page 27, line 20, please delete "16T" and insert -- 16 Torr --.

Page 27, line 23, after "profile", please insert -- control --.

Page 28, line 5, after "chamber,", please delete "remove".

Page 28, line 5, after "substrate", please insert -- is removed --.

Page 28, line 11, please delete "wafer".

Page 28, line 12, after "residues,", please delete "remove".

Page 28, line 13, after "substrate", please insert -- is removed --.

Page 28, line 15, please delete "loadlocks" and insert -- loadlock --.

Page 28, line 20, after "Yes", please delete "process".

Page 28, line 20, after "wafer", please insert -- is processed --.

Page 28, line 24, after "layer is", please delete "a process".

Page 28, line 28, please delete "remain" and insert -- remains --.

Page 29, line 13, please delete "processes" and insert -- processed --.

Page 29, line 14, after "continues", please delete "with".

Page 29, line 17, after "according", please delete "with" and insert -- to --.

Page 29, line 19, after "chamber", please insert -- in --.

Page 29, line 19, please delete "conducts".

Page 29, line 19, after "plasma etch process", please insert -- is conducted --.

Page 30, line 10, please delete "Yee" and insert -- Ye --.

Page 30, line 10, please delete "the Proceeding of".

Page 30, line 21, after "Application", please insert -- Serial No. --.

Page 30, line 29, before "conductive", please insert -- a --.

Page 30, line 29, please delete "serve" and insert -- serves --.

Page 31, line 8, please delete "222" and insert -- 228 --.

Page 31, line 11, please delete "230" and insert -- 236 --.

Page 31, line 13, please delete "230" and insert -- 236 --.

Page 32, line 7, please delete "230" and insert -- 236 --.

Page 32, line 30, please delete "222" and insert -- 228 --.

Page 34, line 7, please delete "222" and insert -- 228 --.

Page 34, line 16, please delete "Khz" and insert -- kHz --.

Page 35, line 12, please delete "222" and insert -- 228 --.

Page 35, line 21, please delete "222" and insert -- 228 --.

Page 36, line 3, please delete "222" and insert -- 228 --.

Page 36, line 9, please delete "independent" and insert -- independently --.

Page 36, line 11, after "Processing", please insert -- chambers --.

Page 36, line 23, after "auxiliary", please delete "409 chambers" and insert -- chamber 409 --.

Page 36, line 21, please delete "222" and insert -- 228 --.

Page 36, line 22, after "410", please insert a comma -- , --.

Page 36, line 22, after "auxiliary", please insert -- chamber --.

Page 37, line 3, after "control of system", please delete "controlled" and insert -- controller --.

Page 38, line 2, after "directs all", please insert -- of --.

Page 38, line 7, please delete "communicated" and insert -- communicates --.

Page 38, line 17, after "processing", please insert -- chambers --.

Page 38, line 18, before "409", please delete "chambers" and insert -- chamber --.

Page 38, line 27, please delete "repeats" and insert -- repeated --.

Page 38, line 3, please delete "FIGURE. 5" and insert -- Figure 5 --.

Page 39, line 7, after "520", please delete "upon" and insert -- into --.

Page 40, line 6, after "in addition to", please insert -- a --.

Page 40, line 20, please delete "222" and insert -- 228 --.

Page 40, line 29, please delete "222" and insert -- 228 --.

Page 41, line 7, after "editor, and", please delete "are" and insert -- is --.

Page 41, line 24, after "system components", please delete "of".

Page 41, line 29, after "Process", please delete "task" and insert -- tasks --.

Page 42, line 2, after "sensor registers", please insert -- a --.

Page 42, line 5, after "processes,", please delete "and" and insert -- which --.

Page 42, line 9, after "specific process", please delete "relate" and insert -- related --.

Page 42, line 9, after "to", please insert -- a --.

Page 42, line 13, after "565,", please delete "and".

Page 42, line 14, after "566", please insert -- and chamber sensor monitoring and control task 568 --.

Page 42, line 14, after "The", please delete "below".

Page 42, line 14, after "recipes", please insert -- set forth below --.

Page 42, line 21, after "throughput,", please insert -- and --.

Page 42, line 22, after "utilization and", please insert -- to --.

Page 43, line 22, after "a chamber", please delete "managers" and insert -- manager --.

Page 43, line 22, after "mainframe", please delete "manger" and insert -- manager --.

Page 43, line 22, after "580 which", please delete "control" and insert -- controls --.

Page 44, line 1, after "566", please delete "and" and insert a comma -- , --.

Page 44, line 1, after "567", please insert -- and chamber sensor monitoring and control task 568 --.

Page 44, line 6, after "similarly to", please delete "how" and insert -- the manner in which --.

Page 44, line 15, after "576", please delete "and" and insert a comma -- , --.

Page 44, line 15, after "577", please insert -- and chamber sensor monitoring and control task 578 --.

Page 45, line 14, after "after which", please insert -- the --.

Page 45, line 21, please delete "222" and insert -- 228 --.

Page 45, line 23, please delete "222" and insert -- 228 --.

Page 46, line 18, after "chambers", please delete "were" and insert -- in which --.

Page 47, line 10, please delete "compare" and insert -- comparing --.

Page 47, line 10, please delete "obtain" and insert -- obtaining --.

Page 47, line 12, please delete "adjust" and insert -- adjusting --.

Page 48, line 11, after "As with", please insert -- the --.

Page 48, line 11, after "task", please insert -- 567 described --.

Page 48, line 14, please delete "comprises" and insert -- includes --.

Page 48, line 22, please delete "230" and insert -- 236 --.

Page 48, line 27, please delete "task" and insert -- tasks --.

Page 49, line 4, please delete "576" and insert -- 578 --.

Page 49, line 6, please delete "manger" and insert -- manager --.

Page 49, line 10, after "Auxiliary control manager", please insert -- 580 --.

Page 49, line 23, please delete "task" and insert -- tasks --.

Page 49, line 27, please delete "task" and insert -- tasks --.

Page 49, line 30, after "well known", please delete "of" and insert -- or --.

Page 50, line 4, please delete "mangers" and insert -- managers --.

Page 50, line 4, please delete "task" and insert -- tasks --.

Page 50, line 25, please delete "simultaneously," and insert -- simultaneously: --.